

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number  
**WO 2004/110540 A1**

(51) International Patent Classification<sup>7</sup>: **A61M 16/00**,  
A61B 5/08

(21) International Application Number:  
PCT/AU2004/000796

(22) International Filing Date: 18 June 2004 (18.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/479,320 18 June 2003 (18.06.2003) US

(71) Applicant (for all designated States except US): **RESMED LIMITED** [AU/AU]; 97 Waterloo Rd, North Ryde, NSW 2113 (AU).

(72) Inventors; and

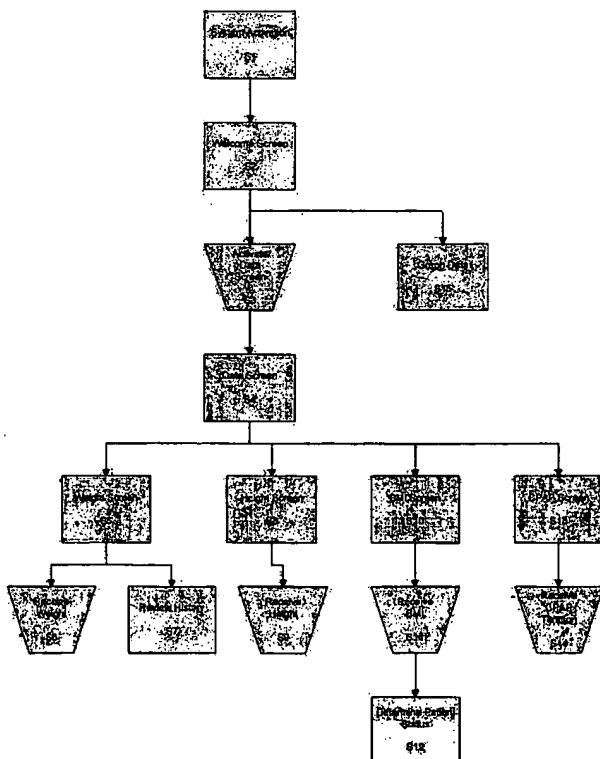
(75) Inventors/Applicants (for US only): **HEBBLEWHITE, Malcolm, Ronald** [AU/US]; 235 Market St #601, San

Diego, CA 92101 (US). **GALLAHUE, Kieran** [US/US]; 4746 Shadwell Place, San Diego, CA 92130 (US). **MULCAHY, David** [AU/AU]; 6 Killarney Close, Castle Hill, NSW 2154 (AU). **SURJADI, Hary, Soesanto** [AU/AU]; 165 Somerville Road, Hornsby Heights, NSW 2077 (AU). **GOELDI, Benriah** [AU/AU]; 1A Bailey Cres., North Epping, NSW 2121 (AU). **PHUAH, Chee, Keong** [MY/AU]; 78 Pacific Avenue, Penshurst, Sydney, New South Wales 2222 (AU). **RICHARD, Ron** [US/US]; 1040 Danielson Street, Poway, CA 92064-6857 (US). **STEWART, Dierdre** [AU/US]; 1040 Danielson Street, Poway, CA 92064-6857 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MONITORING BARIATRIC PARAMETERS AND SLEEP DISORDERED BREATHING



(57) Abstract: A method and system is disclosed for monitoring SDB management that compares titrated CPAP pressure against BMI and AHI/AI indices. The method comprises the steps of storing data on a computer, where the data is collected over a time period of interest. The data consists of BMI and one or more of AHI, AI, Usage and CPAP titration measurements. The method further comprises illustrating the stored data for a selected time period.

WO 2004/110540 A1



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*